

## PREFACE

This publication contains amendments to Technical Manuals (TMs) 5-5420-272-72, *Operator and Organizational Maintenance Manual for Medium Girder Bridge (MGB)* and 5-5420-272-72-7, *Operator and Organization/ Maintenance Manual Link Reinforcement Set for the Medium Girder Bridge (MGB)*. These TMs are being updated to correspond with information contained in this field manual. This publication describes design, recon reports, safety rules; and building, boom, and delaunch tables for the MGB.

The Bridging Branch, Department of Military Engineering, US Army Engineer School, has developed this design package with significant input from Fairey Engineering, Ltd., The Royal School of Military Engineering (United Kingdom) and countless Engineer Officer Basic/Advanced Noncommissioned officer Course students attending resident instruction at Fort Belvoir.

The purpose of this publication is to standardize procedures and make the design process easy to understand. (Abbreviations for MGB design are included in the glossary.) No longer will engineers have to count boxes and squares on scaled paper to employ the MGB.

The proponent of this publication is the US Army Engineer School. Submit changes for improving this publication on DA Form 2028 (Recommended Changes to Publications and Blank Forms), and forward it to Commandant, US Army Engineer School, ATTN: ATSE-Z-BTD-P, Fort Belvoir, VA 22060-5291.

Unless otherwise stated, whenever the masculine gender is used, both men and women are included.